

Supplementary Material

Synthesis of Marine Cyclopeptide Galaxamide Analogues as Potential Anticancer Agents

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● Spectrum from Z-1.wiff (sample 1) - Sample001, Experiment 1, +TOF MS (100 - 1000) from 0.084 to 0.116 min
 ● C₃₀H₅₃N₅O₅ +H

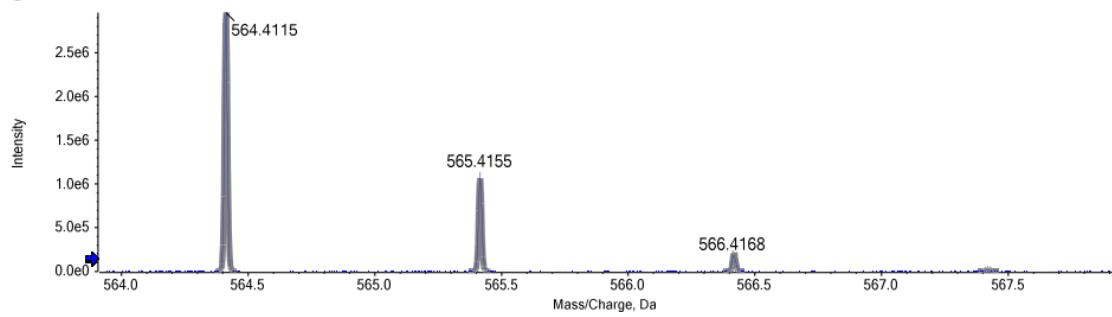


Figure S1. HR-ESI-MS spectrum of Z-1

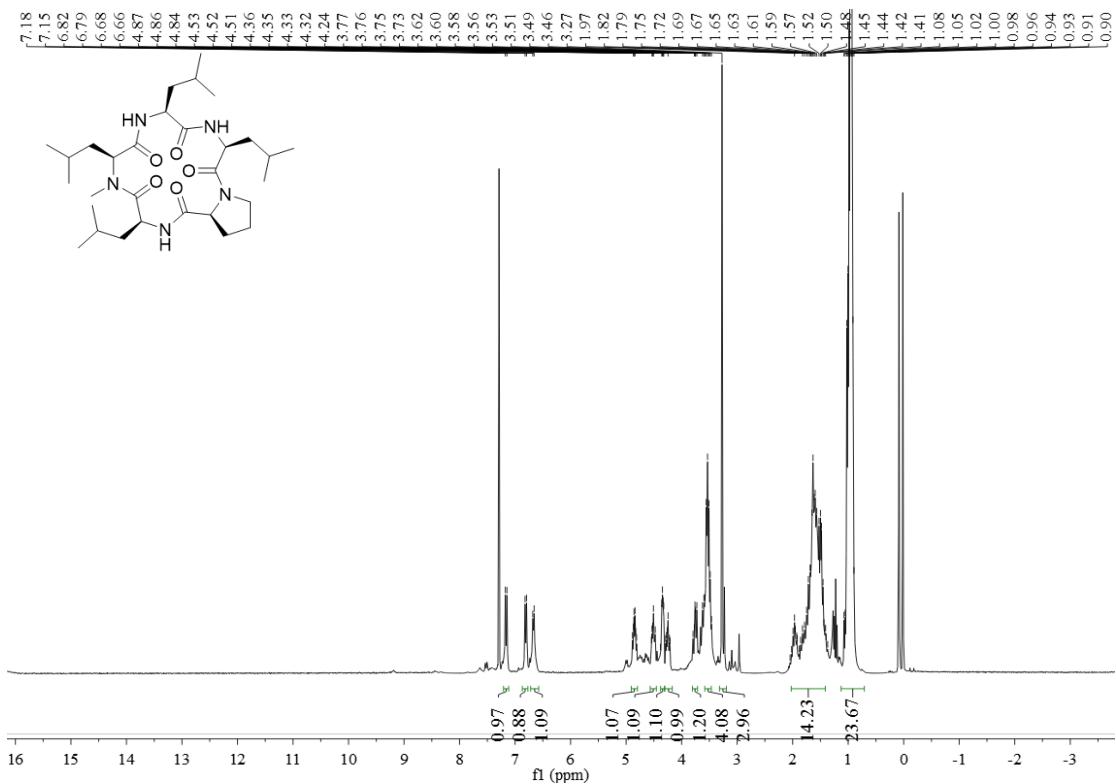


Figure S2. ¹H NMR spectrum of Z-1

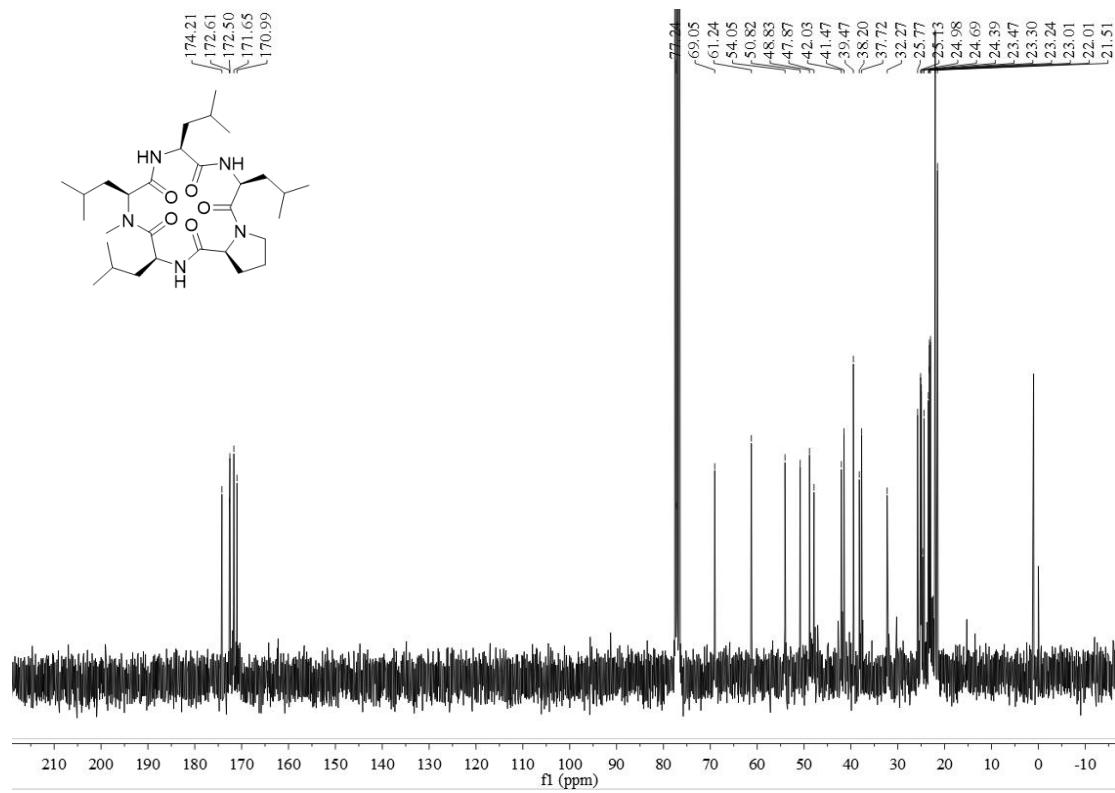


Figure S3. ^{13}C NMR spectrum of Z-1

● Spectrum from Z-2.wiff (sample 1) - Sample002, Experiment 1, +TOF MS (100 - 1000) from 0.067 to 0.099 min
 ● C₂₈H₄₇N₅O₅ +H

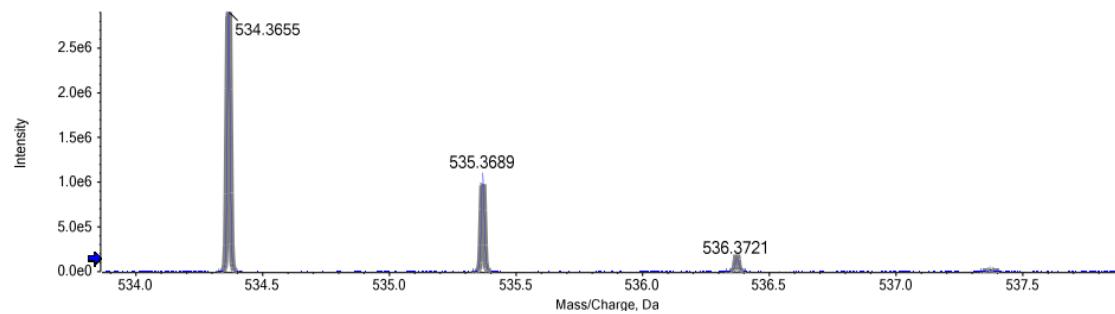


Figure S4. HR-ESI-MS spectrum of Z-2

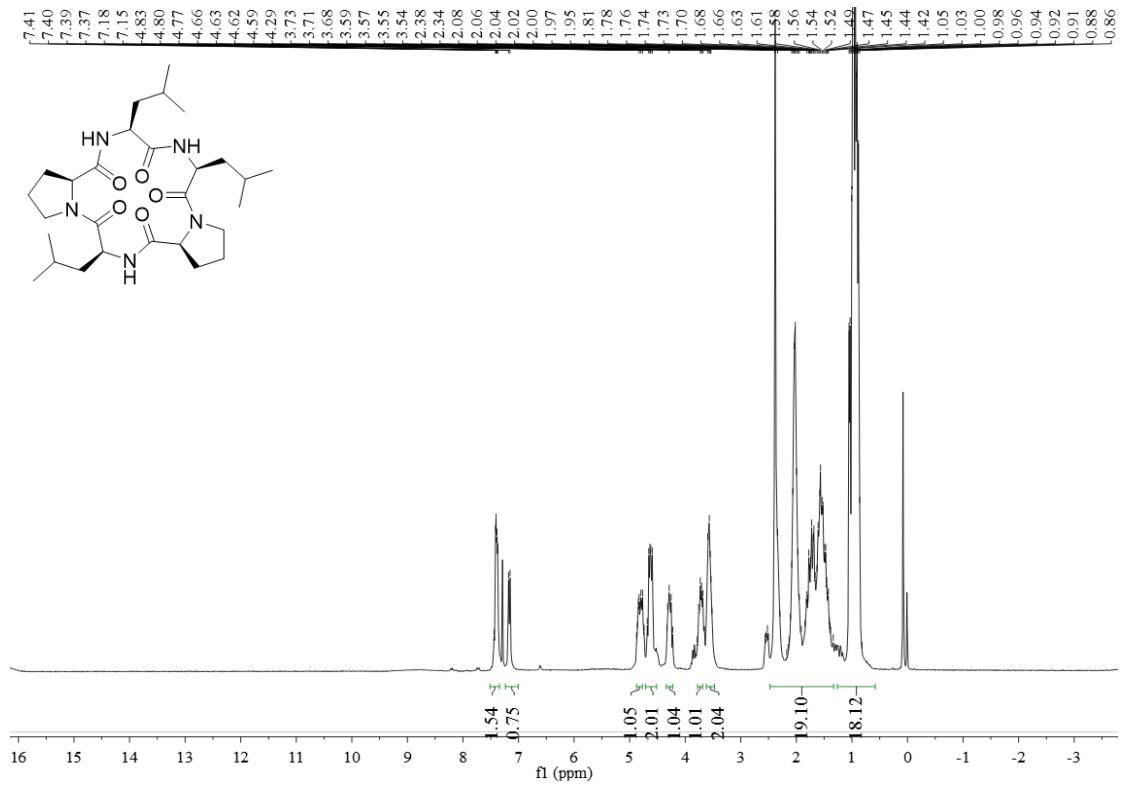


Figure S5. ^1H NMR spectrum of **Z-2**

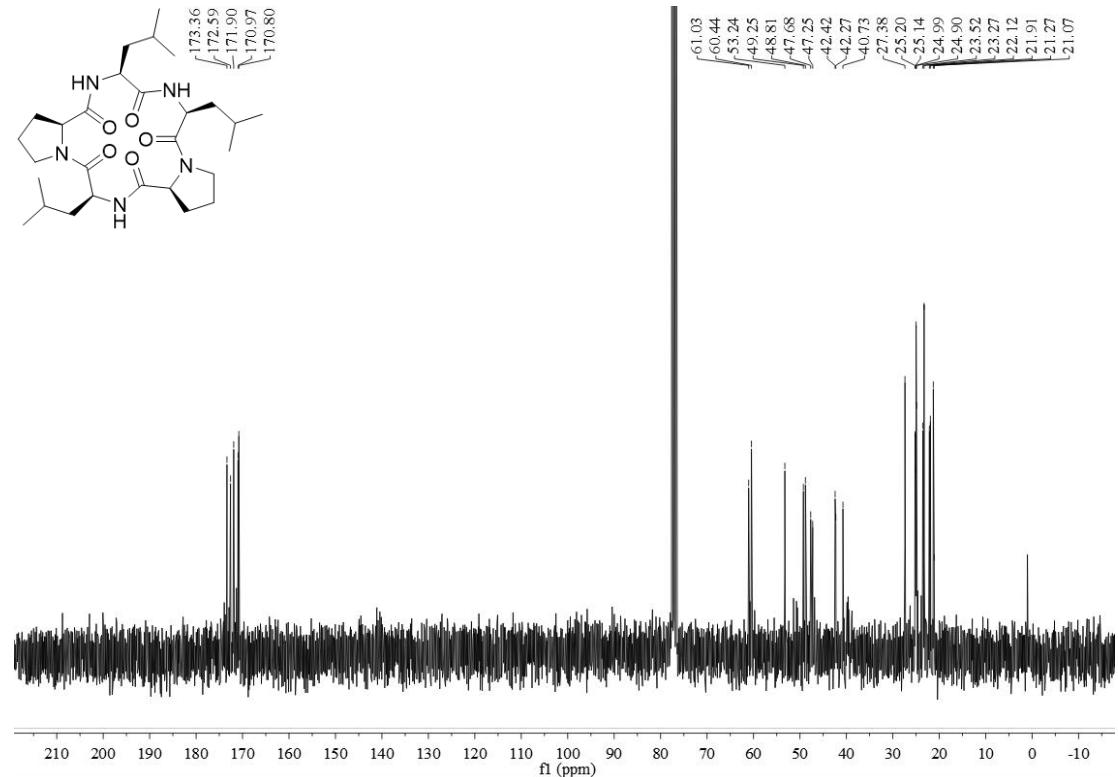


Figure S6. ^{13}C NMR spectrum of Z-2

● Spectrum from Z-3.wiff (sample 1) - Sample003, Experiment 1, +TOF MS (100 - 1000) from 0.066 to 0.099 min
 ● C₂₈H₄₇N₅O₅ +H

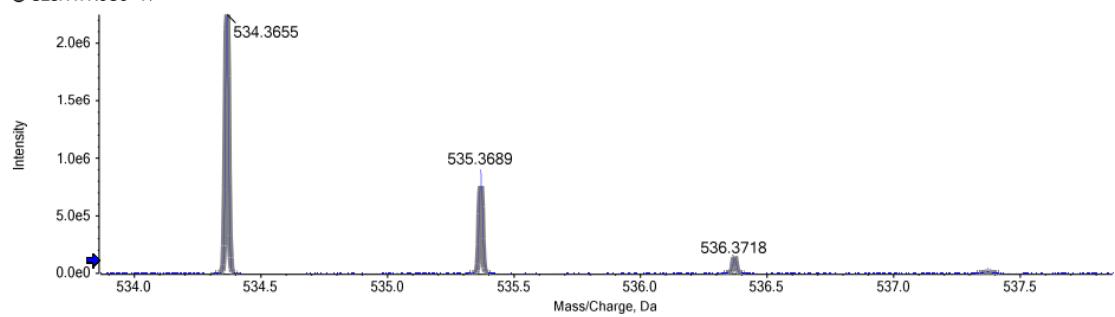
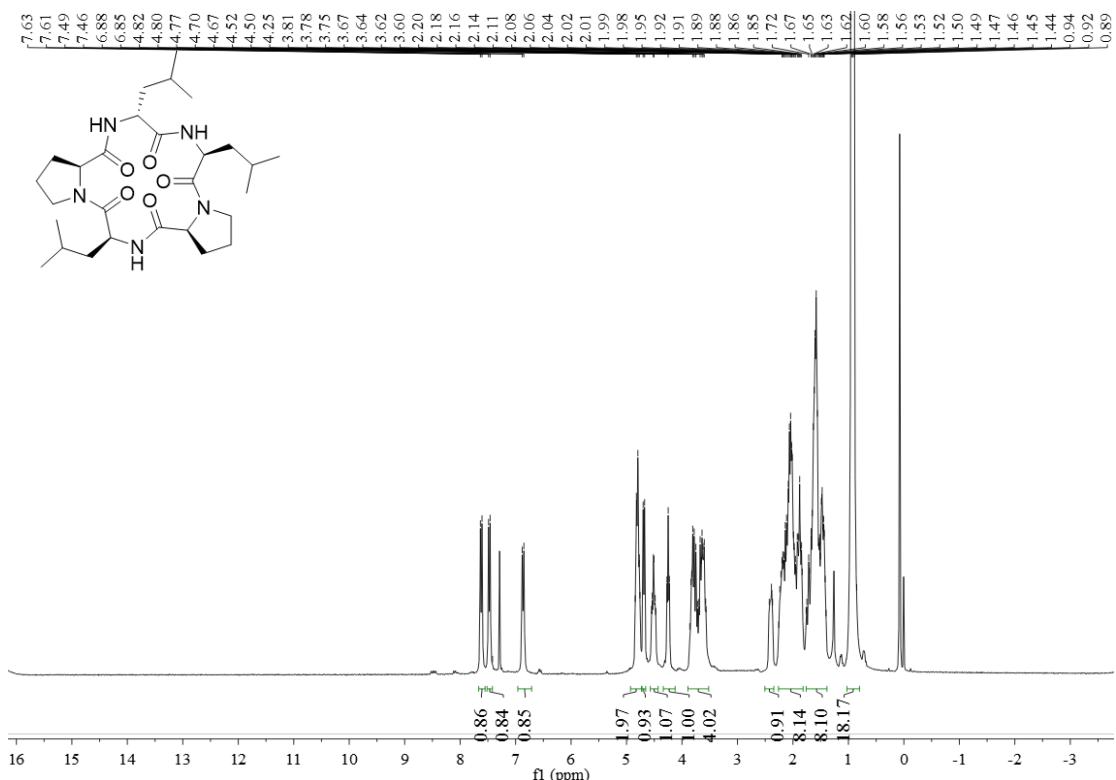


Figure S7. HR-ESI-MS spectrum of Z-3



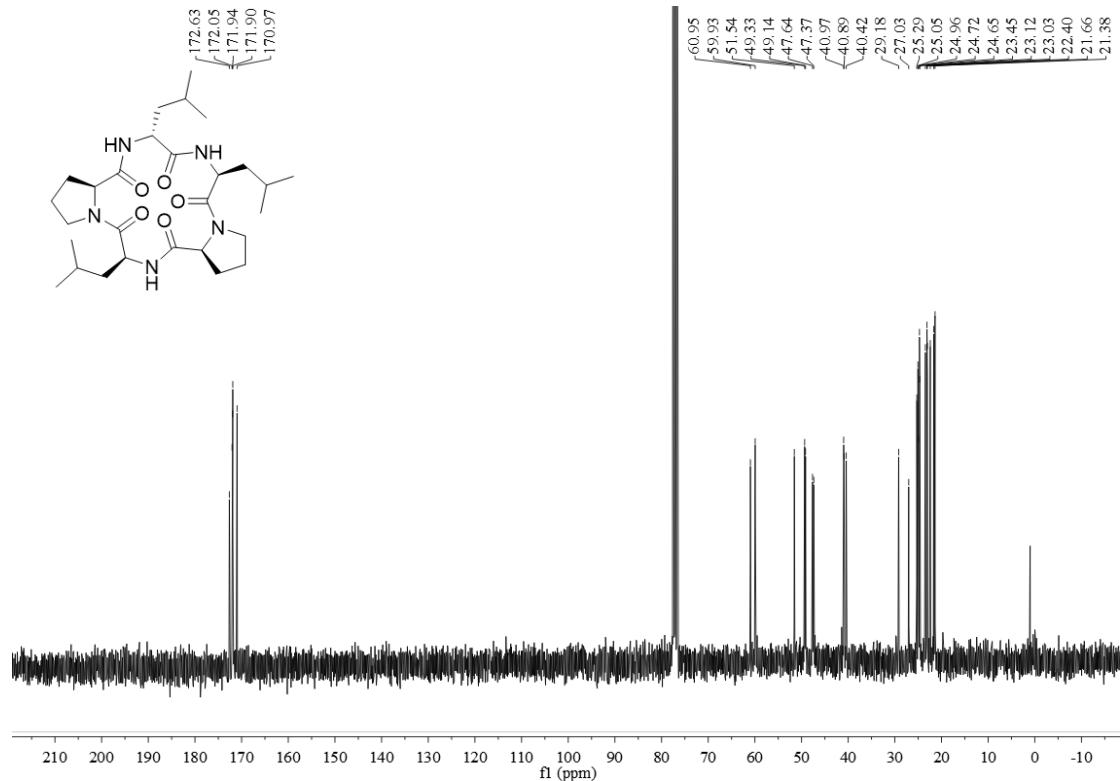


Figure S9. ^{13}C NMR spectrum of Z-3

● Spectrum from Z-4.wiff (sample 1) - Sample004, Experiment 1, +TOF MS (100 - 1000) from 0.082 to 0.114 min
 ● C₂₈H₄₇N₅O₅ +H

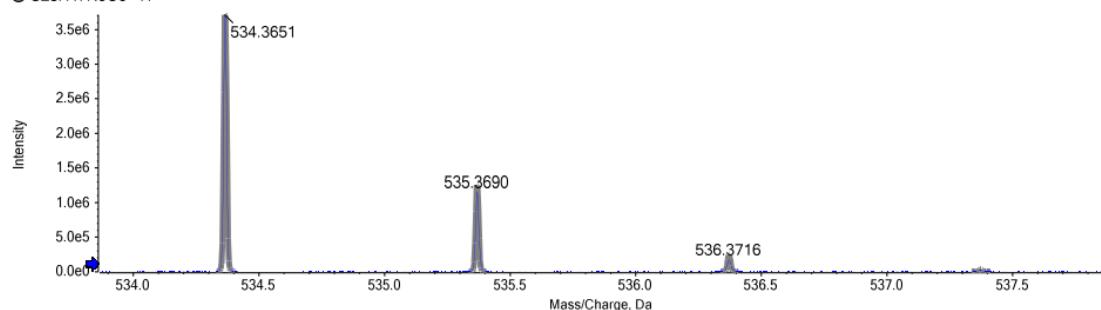


Figure S10. HR-ESI-MS spectrum of Z-4

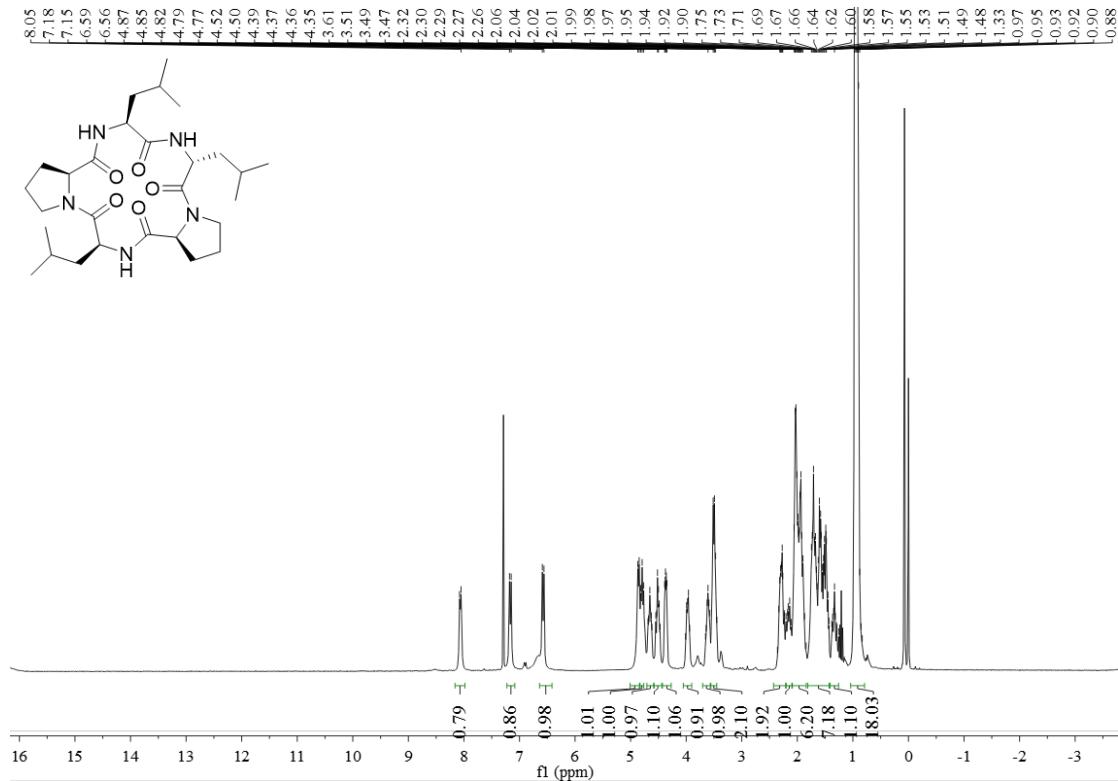


Figure S11. ^1H NMR spectrum of **Z-4**

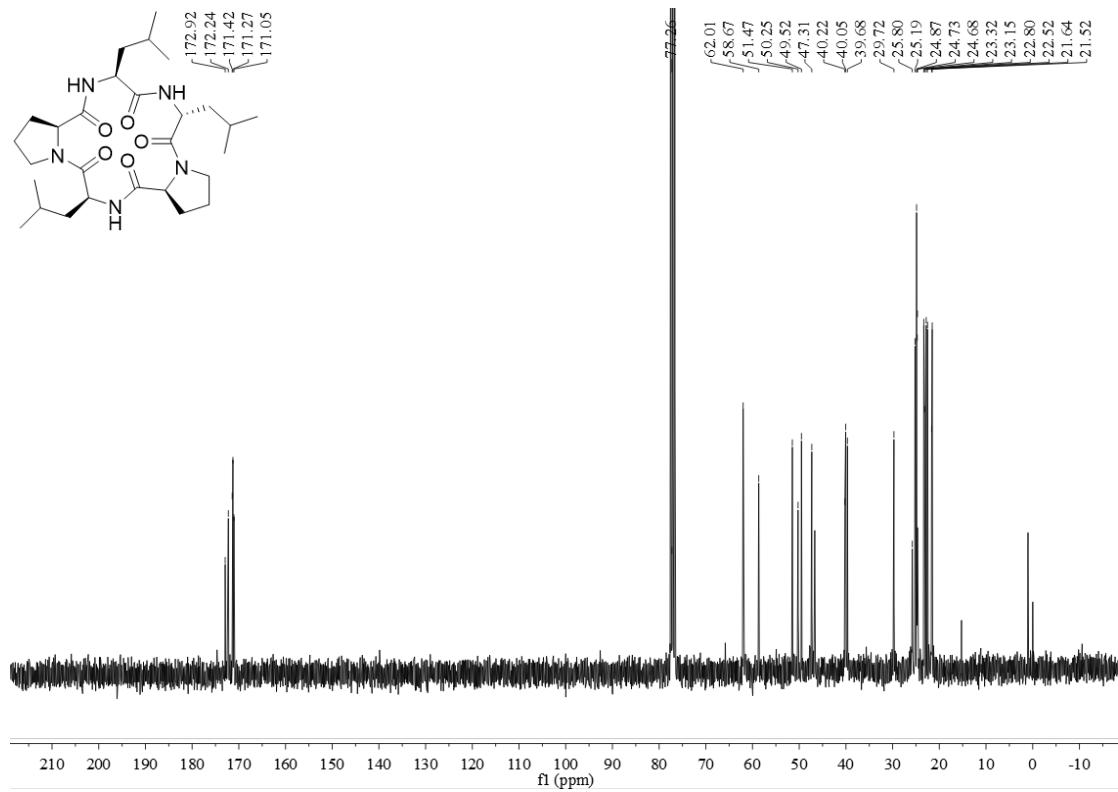


Figure S12. ^{13}C NMR spectrum of **Z-4**

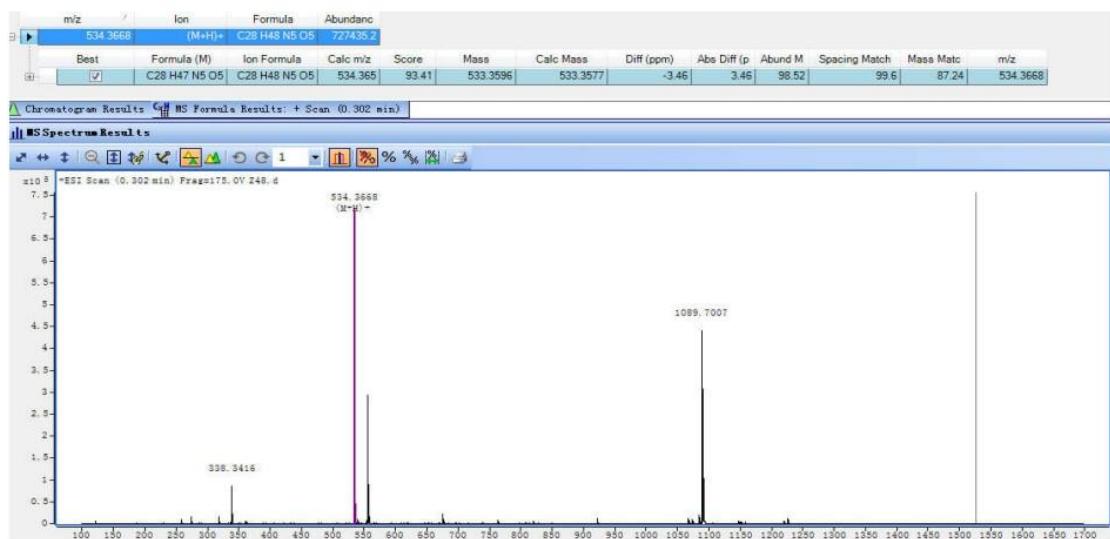


Figure S13. HR-ESI-MS spectrum of **Z-5**

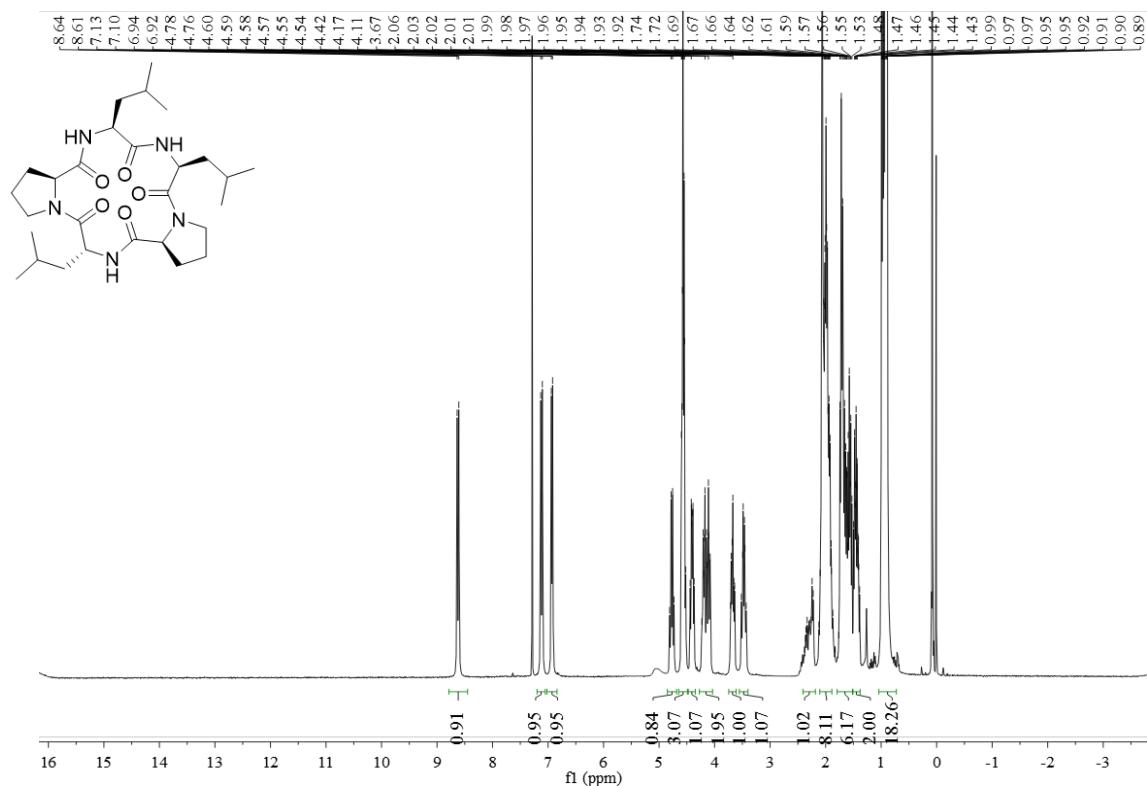


Figure S14. ^1H NMR spectrum of Z-5

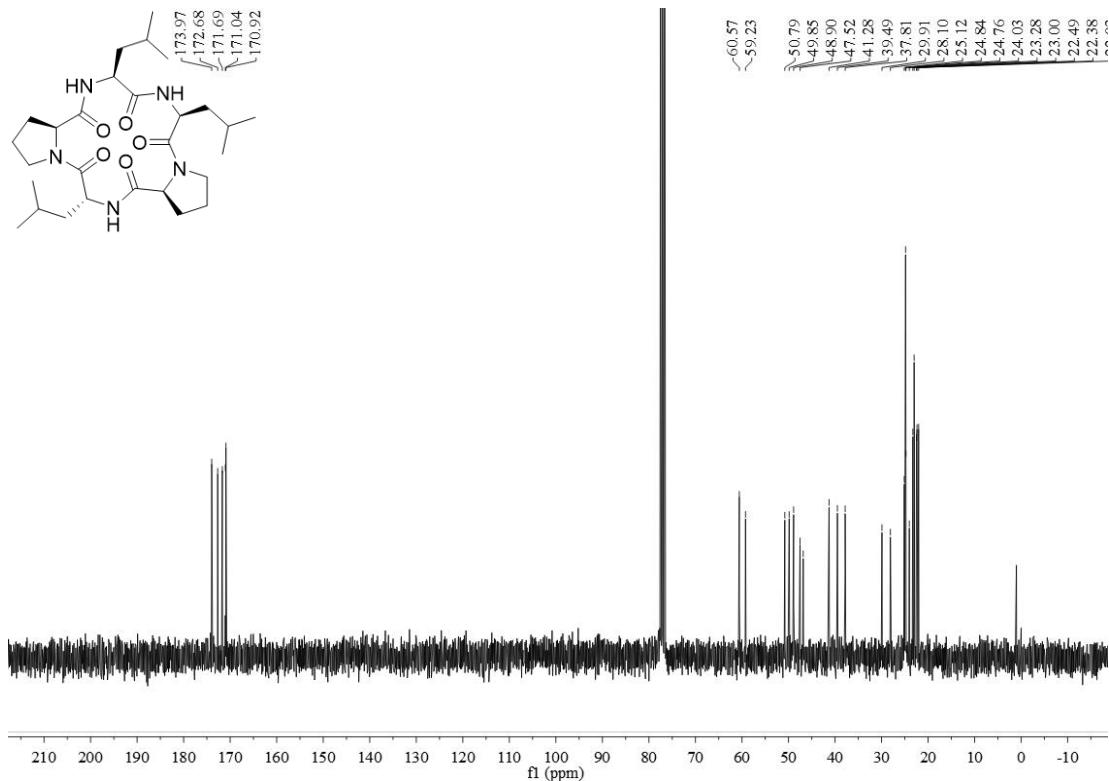


Figure S15. ^{13}C NMR spectrum of Z-5

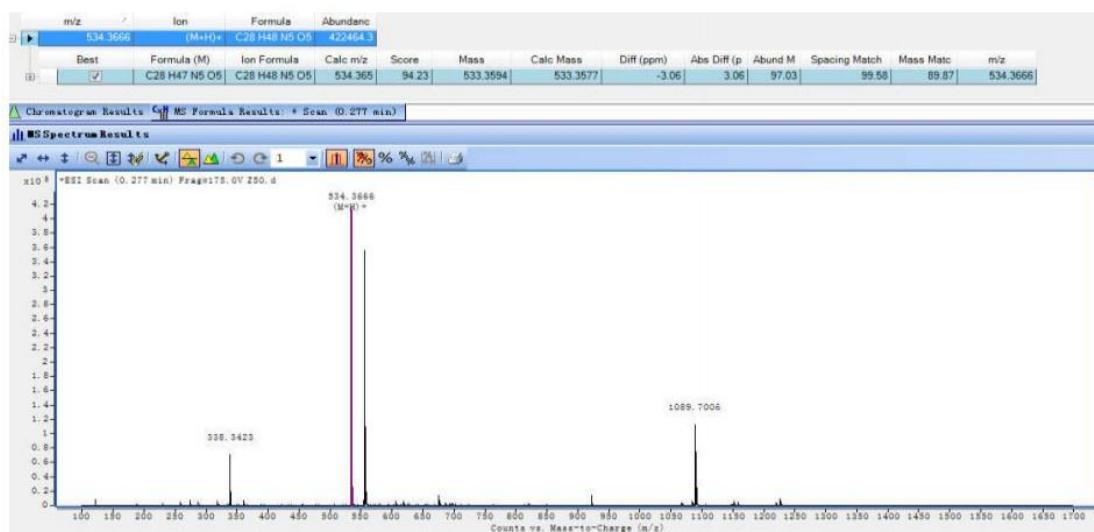


Figure S16. HR-ESI-MS spectrum of Z-6

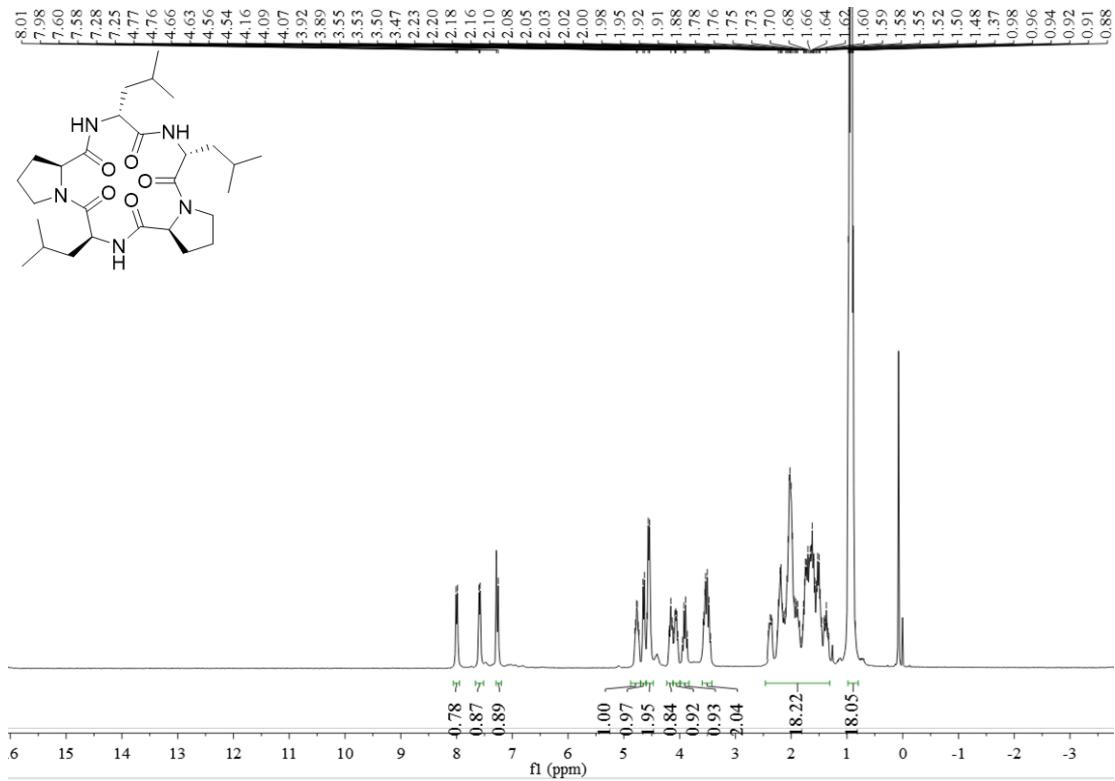


Figure S17. ¹H NMR spectrum of Z-6

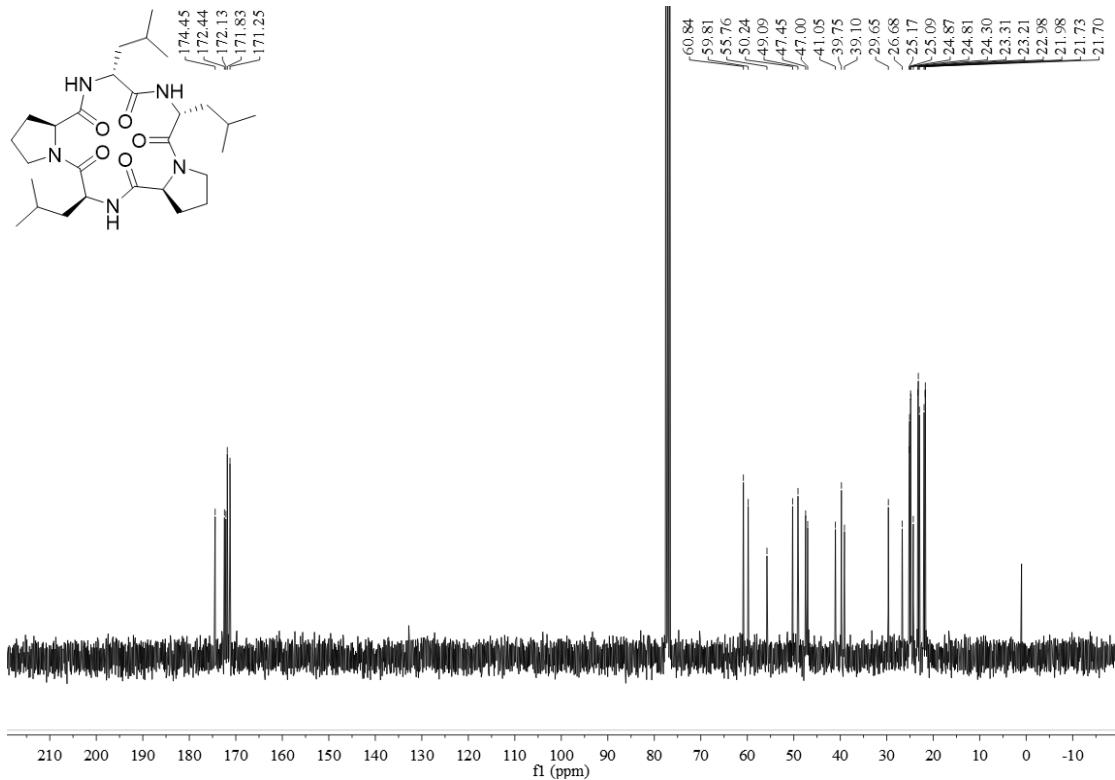


Figure S18. ¹³C NMR spectrum of Z-6

● Spectrum from Z-7.wiff (sample 1) - Sample001, Experiment 1, +TOF MS (100 - 1000) from 0.082 to 0.114 min
 ● C₂₈H₄₇N₅O₅ +H

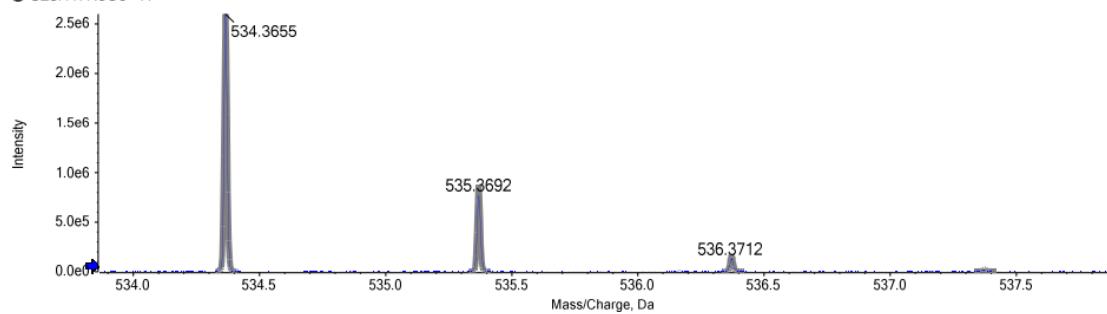


Figure S19. HR-ESI-MS spectrum of Z-7

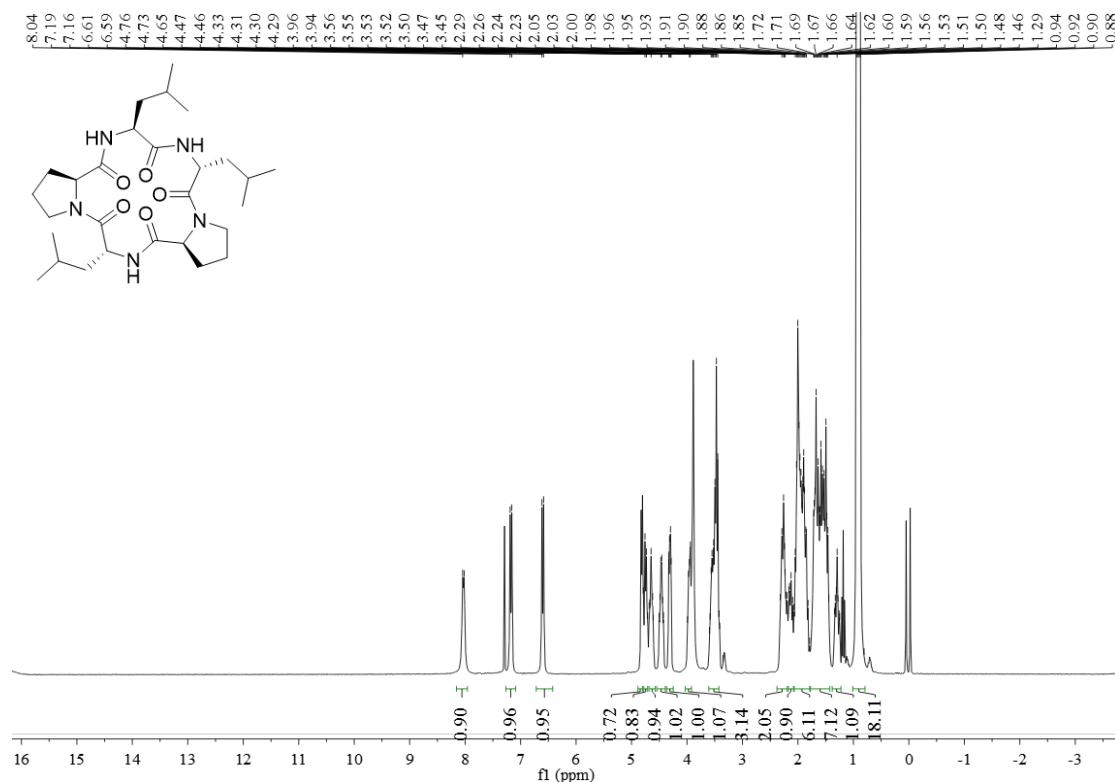


Figure S20. ¹H NMR spectrum of Z-7

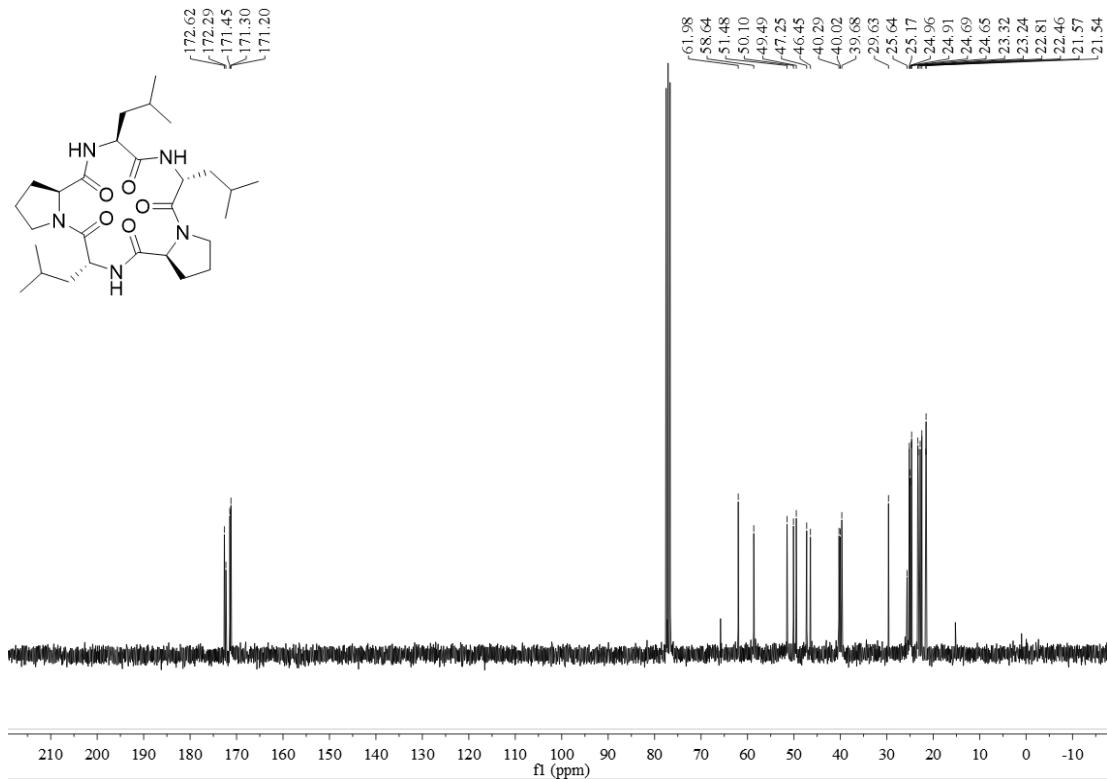


Figure S21. ¹³C NMR spectrum of Z-7

● Spectrum from Z-8.wiff (sample 1) - Sample002, Experiment 1, +TOF MS (100 - 1000) from 0.081 to 0.113 min
 ● C₂₈H₄₇N₅O₅ +H

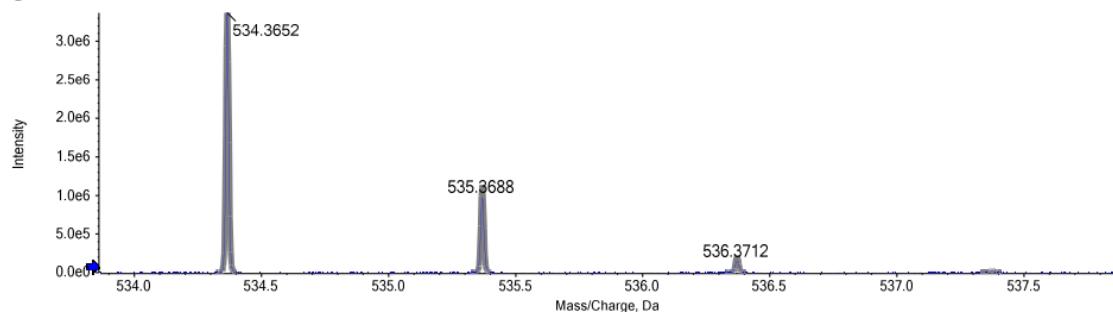


Figure S22. HR-ESI-MS spectrum of Z-8

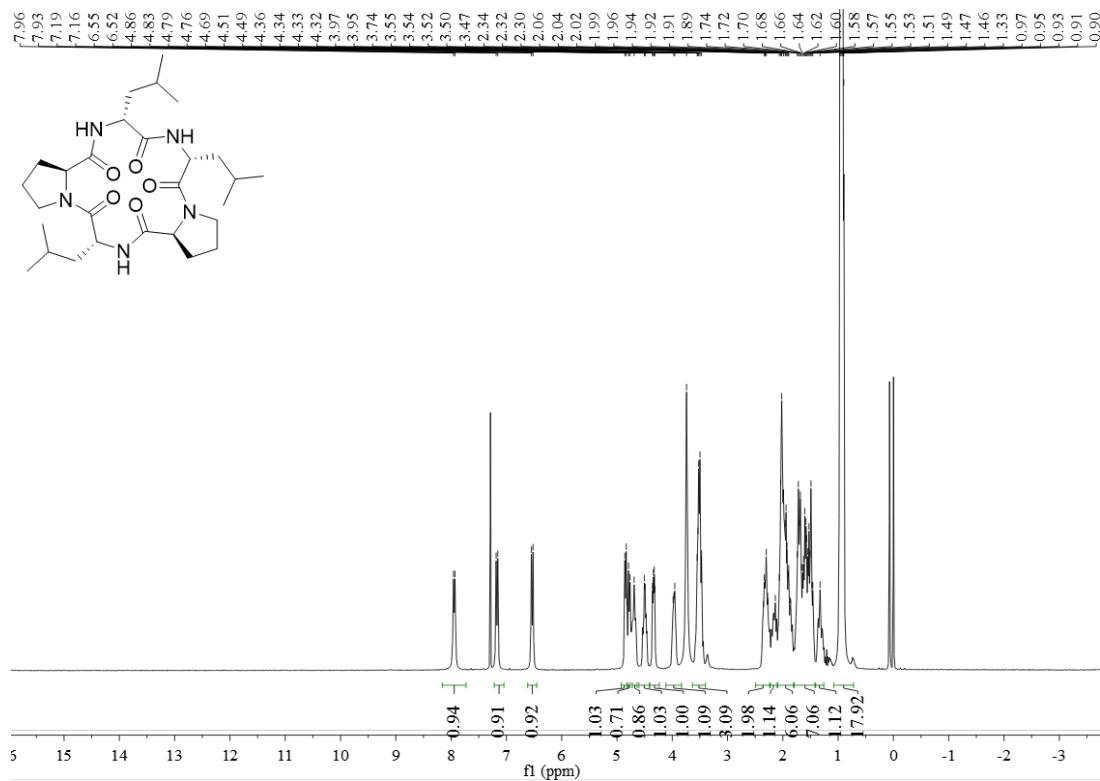


Figure S23. ¹H NMR spectrum of Z-8

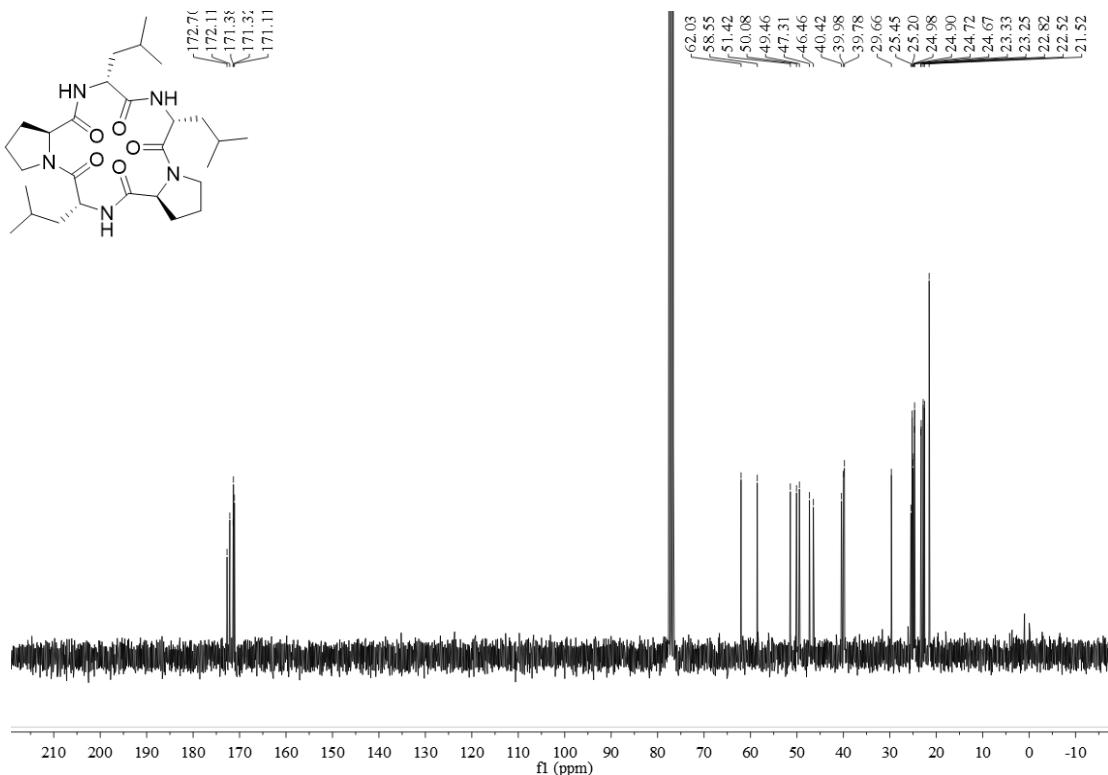


Figure S24. ¹³C NMR spectrum of Z-8